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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **BB-1137**

First Named Inventor or Application Identifier

Jennie Bih-Jien Shen

Express Mail Label No. **EJ236615973US**

Express Mailing Date **June 7, 1999**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee (Authority to charge deposit account below.)
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **61**]
- Descriptive title of the invention
 - Cross References to Related Applications (if needed)
 - Statement Regarding Fed sponsored R & D (if needed)
 - Reference to Microfiche Appendix (if filed)
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☒ Computer Readable Copy
 - b. ☒ Paper Copy (identical to computer copy)
 - c. ☒ Statement verifying identity of above copies

☒ Drawing(s) (35 USC 113) [Total Sheets **15**]

☒ Oath or Declaration [Total Pages **1**]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 14 completed)
 - i. ☐ **DELETION OF INVENTORS**
Signed Statement below at 15 deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).

☐ Incorporation by Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b, is
considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

ACCOMPANYING APPLICATION PARTS

8. ☐ Power of Attorney
9. ☐ Information Disclosure Statement (IDS)/Cover Letter plus PTO-1449 ☐ Copies of IDS Citations
10. ☐ Preliminary Amendment
11. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
12. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
13. ☒ Other: Gene Sequence Listing - 28 pages

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No.: ____/____

15. ☐ **DELETION OF INVENTOR(S) STATEMENT:** This application is being filed by less than all the inventors named in the prior application. In accordance with 37 CFR 1.63(d)(2) and 1.33(b), the Assistant Commissioner is requested to delete the name(s) of the following person or persons who are not inventors of the invention being claimed in this application:

16. ☒ Amend the specification by inserting before the first line the sentence:
-- This application claims priority benefit of U.S. Provisional Application No. 60/088,987 filed June 11, 1998, now pending. --

17. ☐ Cancel in this application original claims ____ of the prior application before calculating the filing. (At least one original independent claim must be retained for filing purposes.)

18. ☐ Priority of foreign Application No. _____ filed on _____ in _____
_____ is claimed under 35 U.S.C. 119.
(country)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) FEE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	191 - 20 =	171	x \$ 18 =	\$ 3078.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	3 - 3 =	0	x \$ 78 =	0
	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 260 =	260.00
				BASIC FEE (37 CFR 1.16(a))	+ \$ 760.00
			TOTAL =	\$ 4098.00	

19. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 04-1928:

a. ☒ Fees required under 37 CFR 1.16.

b. ☒ Fees required under 37 CFR 1.17.

20. ☐ Other:

21. CORRESPONDENCE ADDRESS					
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22. SIGNATURE OF ATTORNEY OR AGENT REQUIRED		
NAME	Lynne M. Christenbury	REG. NO.: 30,971
SIGNATURE	<i>Lynne M. Christenbury</i>	
DATE	June 7, 1999	